

Data Path : Z:\HPCHEM1\BNA_E\Data\BE090415\
 Data File : BE090721.D
 Acq On : 4 Sep 2015 9:46
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

Quant Time: Sep 04 13:12:07 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 11:40:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	38149	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	176800	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	97866	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	246703	5.00	ng	0.00
25) Chrysene-d12	21.07	240	325536	5.00	ng	0.00
32) Perylene-d12	23.36	264	308715	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	4958	0.68	ng	0.00
5) Phenol-d6	6.76	99	11451	1.08	ng	0.01
7) Nitrobenzene-d5	8.71	82	11411	0.98	ng	0.00
13) 2,4,6-Tribromophenol	15.67	330	3103	1.22	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	26412	0.97	ng	0.00
27) Terphenyl-d14	19.54	244	39288	1.09	ng	0.00

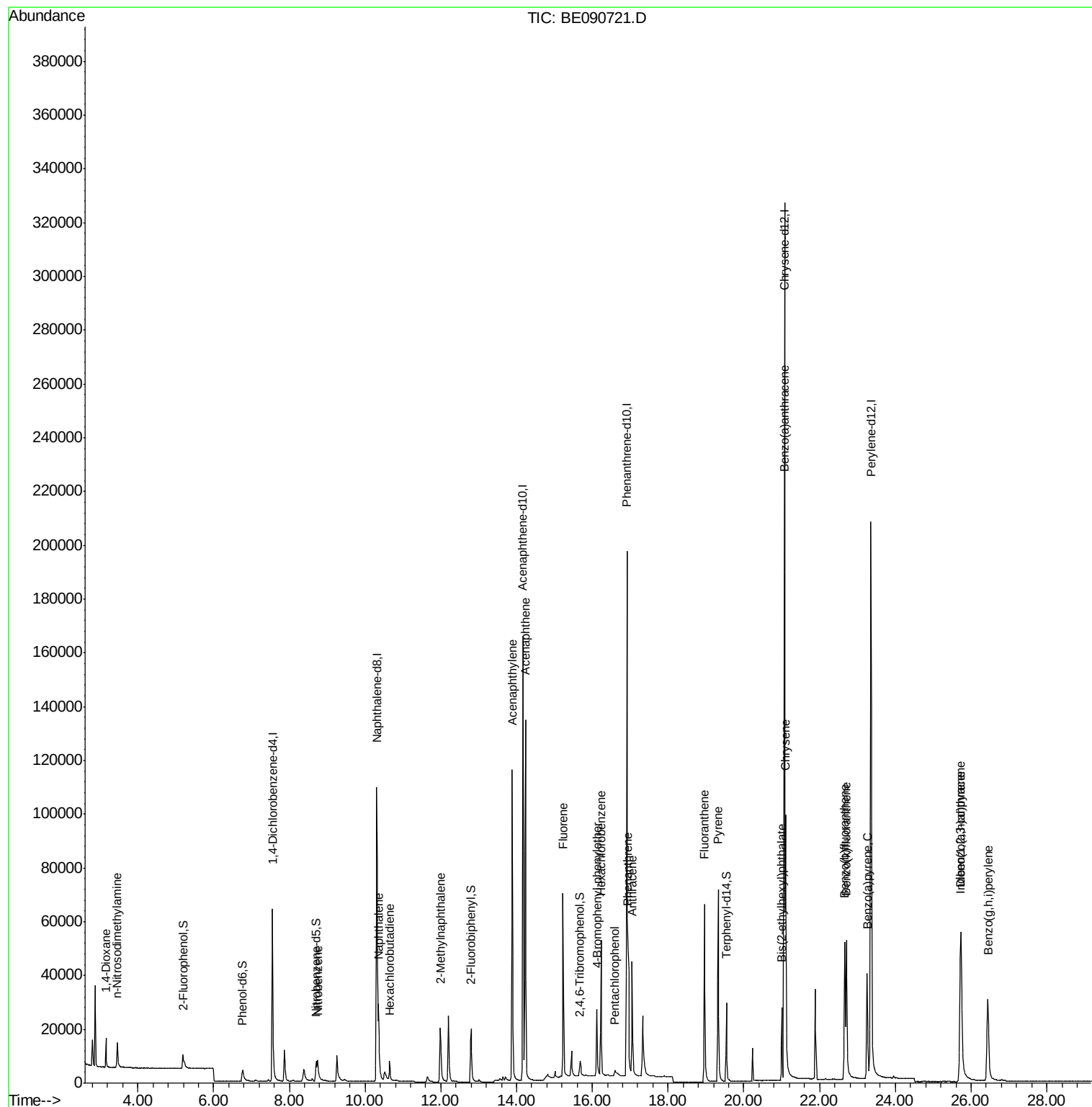
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.15	88	5841	1.03	ng	98
3) n-Nitrosodimethylamine	3.45	42	6632	0.91	ng	85
8) Nitrobenzene	8.75	77	12200	0.94	ng	99
9) Naphthalene	10.35	128	38538	1.00	ng	99
10) Hexachlorobutadiene	10.65	225	5792	0.96	ng	99
11) 2-Methylnaphthalene	11.99	142	23281	1.12	ng	99
15) Acenaphthylene	13.89	152	163761	1.05	ng	100
16) Acenaphthene	14.23	154	26610	1.02	ng	93
17) Fluorene	15.22	166	33902	1.04	ng	97
19) 4-Bromophenyl-phenylether	16.13	248	9038	1.07	ng	92
20) Hexachlorobenzene	16.23	284	45513	1.03	ng	96
21) Pentachlorophenol	16.60	266	2518	1.15	ng	94
22) Phenanthrene	16.94	178	63902	1.05	ng	99
23) Anthracene	17.05	178	56466	1.11	ng	100
24) Fluoranthene	18.96	202	72054	1.12	ng	99
26) Pyrene	19.32	202	76386	1.13	ng	100
28) Benzo(a)anthracene	21.05	228	77320	1.07	ng	99
29) Chrysene	21.11	228	88163	1.12	ng	99
30) Bis(2-ethylhexyl)phthalate	21.00	149	24636	1.28	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	88209	1.15	ng	99
33) Benzo(b)fluoranthene	22.66	252	70803	1.06	ng	100
34) Benzo(k)fluoranthene	22.71	252	81937	1.05	ng	99
35) Benzo(a)pyrene	23.26	252	66287	1.11	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	68565	1.05	ng	99
37) Benzo(g,h,i)perylene	26.44	276	72811	1.06	ng	97

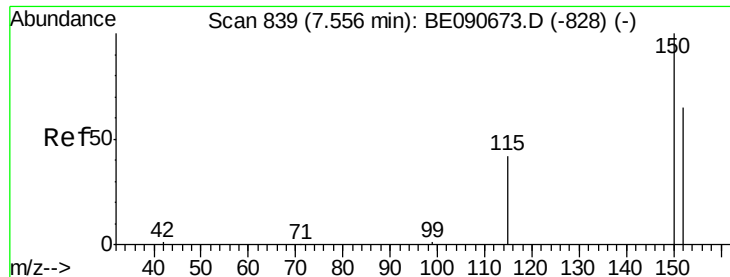
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

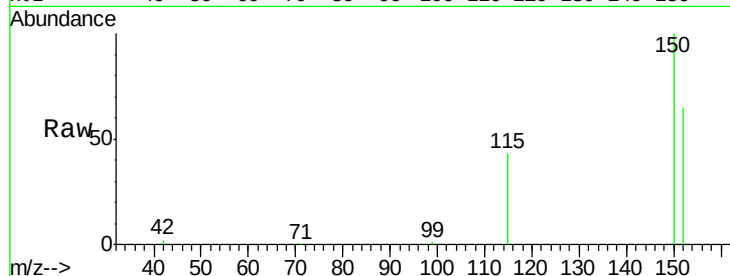
Tgt Ion:152 Resp: 38149

Ion Ratio Lower Upper

152 100

150 154.3 122.2 183.4

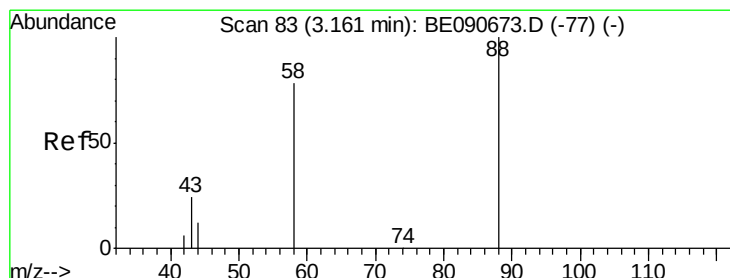
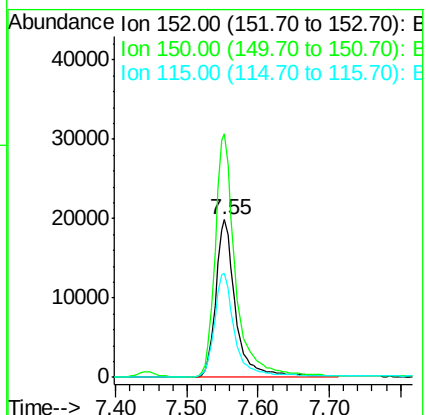
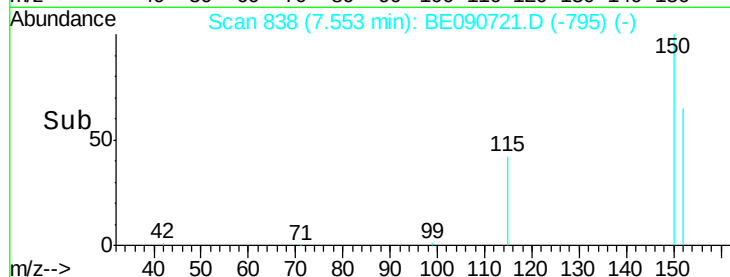
115 65.8 51.0 76.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.03 ng

RT: 3.15 min Scan# 82

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

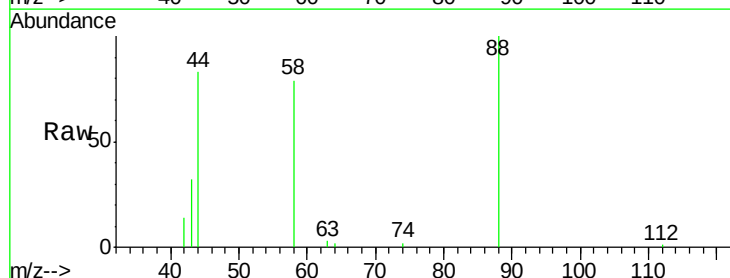
Tgt Ion: 88 Resp: 5841

Ion Ratio Lower Upper

88 100

58 87.5 68.4 102.6

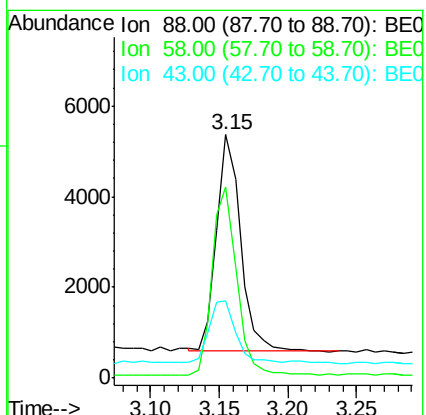
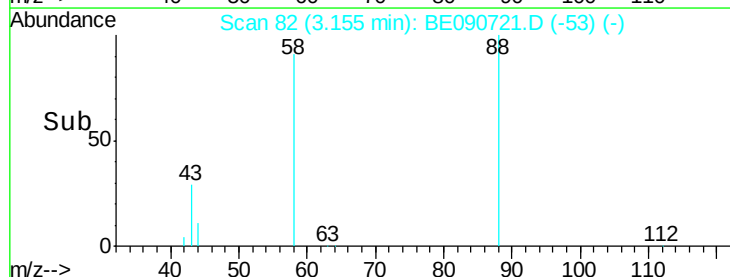
43 33.1 26.9 40.3

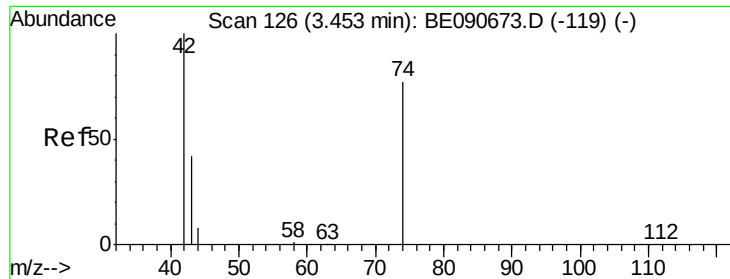


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.45 min Scan# 126

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

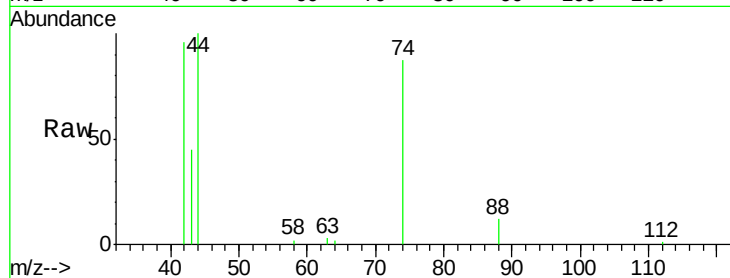
Tgt Ion: 42 Resp: 6632

Ion Ratio Lower Upper

42 100

74 121.7 83.7 125.5

44 11.2 10.0 15.0



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0

6000

5000

4000

3000

2000

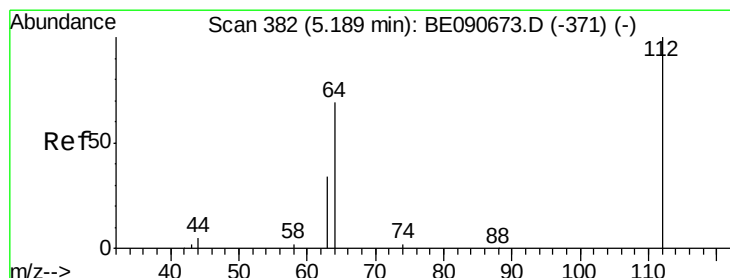
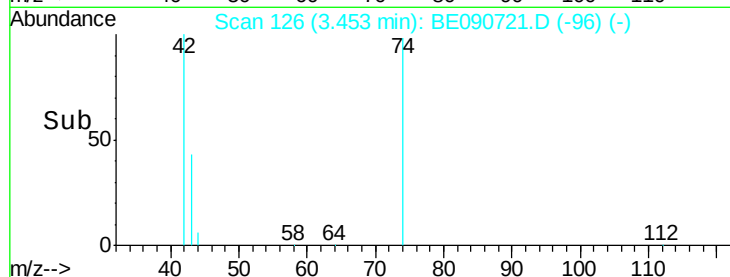
1000

0

Time-->

3.40 3.50 3.60

3.45



#4

2-Fluorophenol

Concen: 0.68 ng

RT: 5.19 min Scan# 382

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

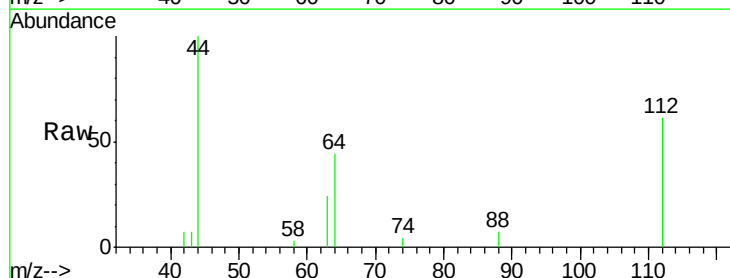
Tgt Ion: 112 Resp: 4958

Ion Ratio Lower Upper

112 100

64 115.2 57.3 85.9#

63 35.3 29.2 43.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

3000

2000

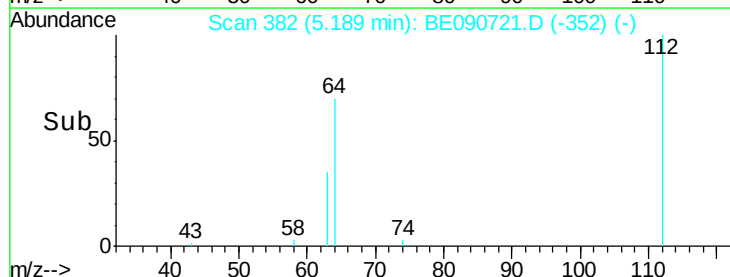
1000

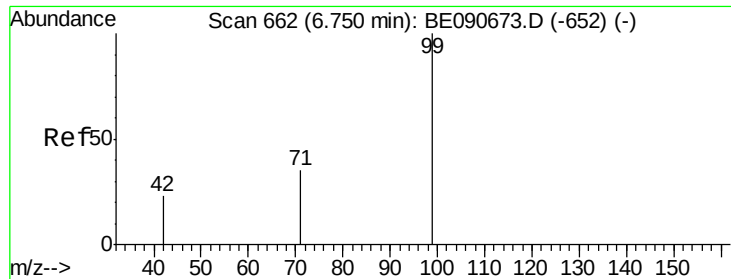
0

Time-->

5.10 5.15 5.20

5.19





#5

Phenol-d6

Concen: 1.08 ng

RT: 6.76 min Scan# 664

Delta R.T. 0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

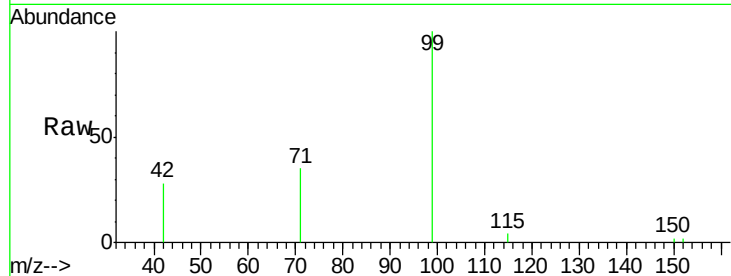
Tgt Ion: 99 Resp: 11451

Ion Ratio Lower Upper

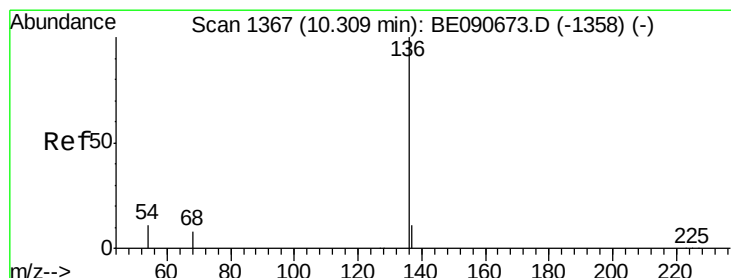
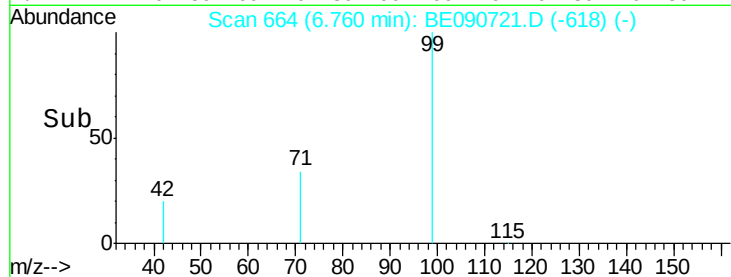
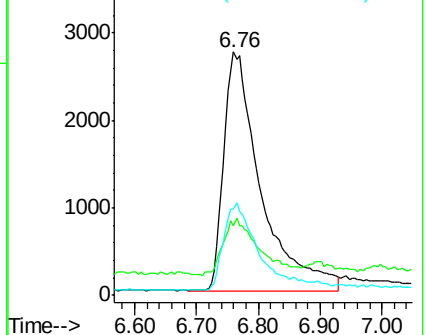
99 100

42 22.9 16.8 25.2

71 35.7 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Tgt Ion: 136 Resp: 176800

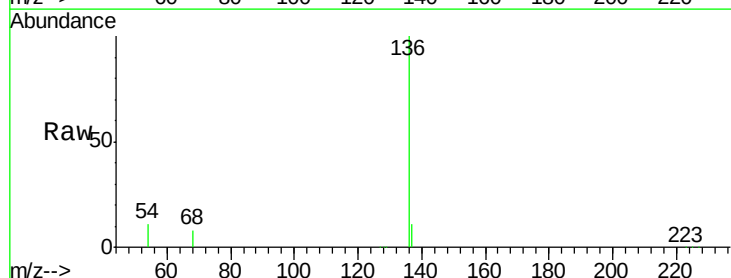
Ion Ratio Lower Upper

136 100

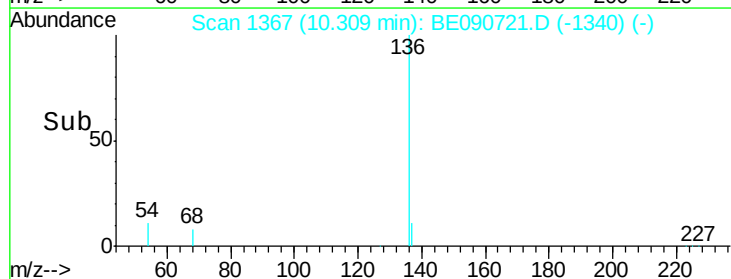
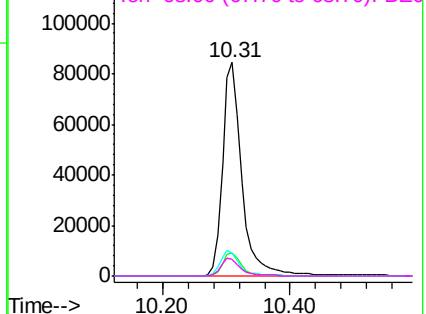
137 11.0 8.7 13.1

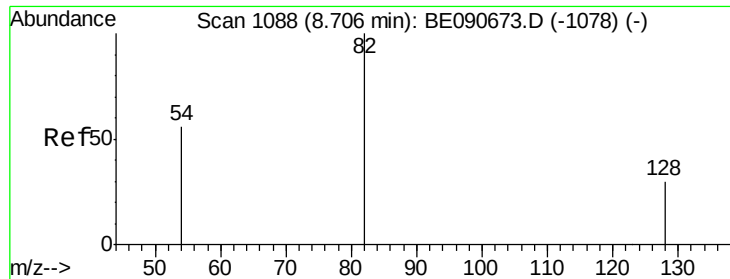
54 10.7 9.0 13.6

68 7.9 6.3 9.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.98 ng

RT: 8.71 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

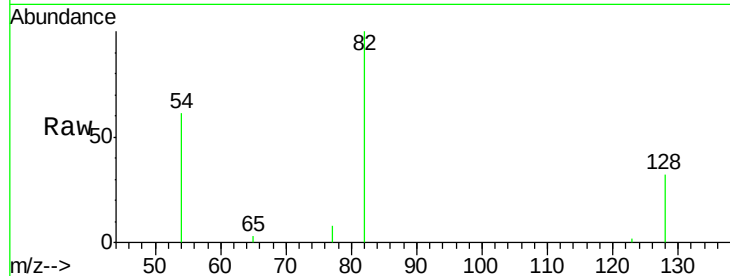
Tgt Ion: 82 Resp: 11411

Ion Ratio Lower Upper

82 100

128 32.0 25.0 37.4

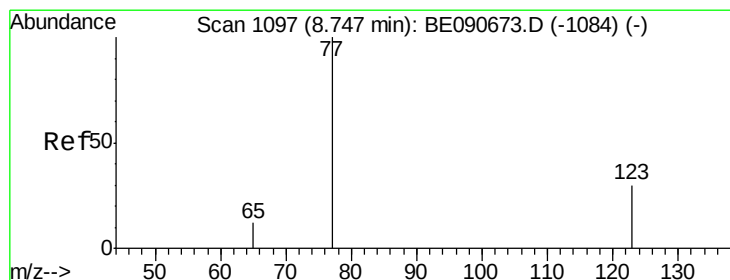
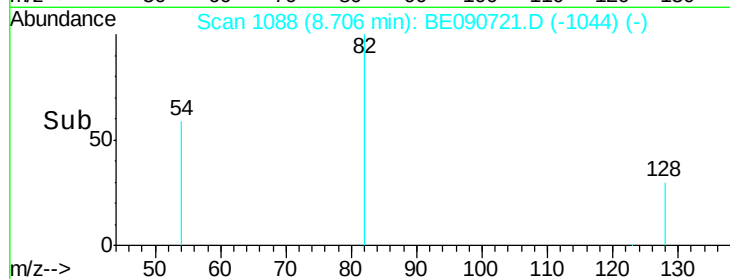
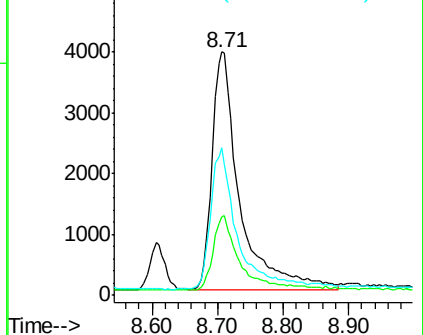
54 60.7 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#8

Nitrobenzene

Concen: 0.94 ng

RT: 8.75 min Scan# 1097

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

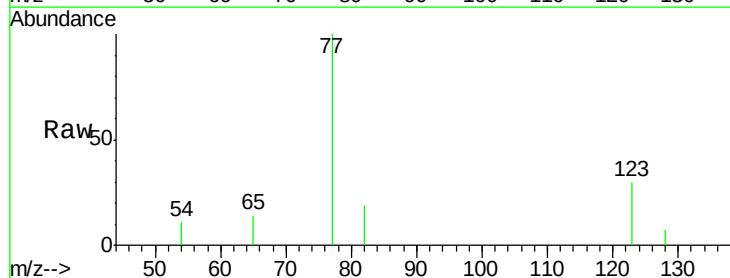
Tgt Ion: 77 Resp: 12200

Ion Ratio Lower Upper

77 100

123 31.7 25.1 37.7

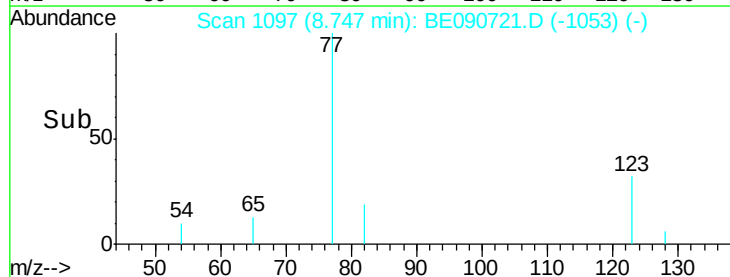
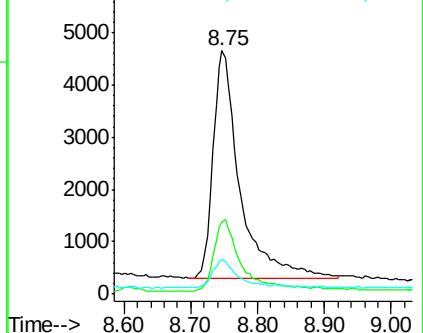
65 11.4 9.9 14.9

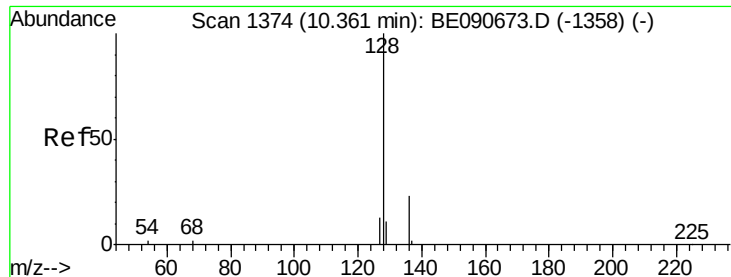


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 1.00 ng

RT: 10.35 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

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SSTDCCC001

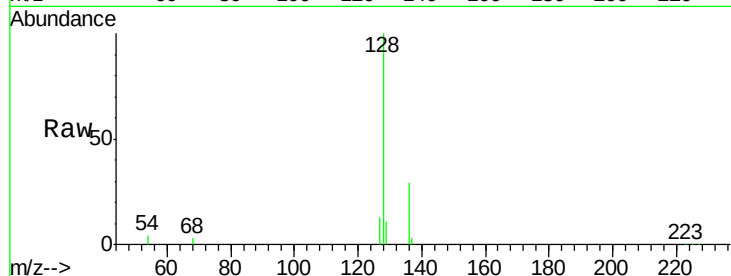
Tgt Ion:128 Resp: 38538

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

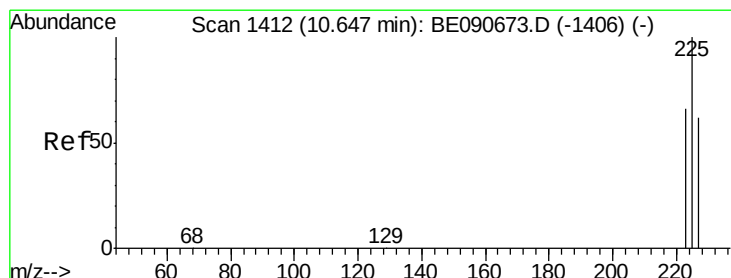
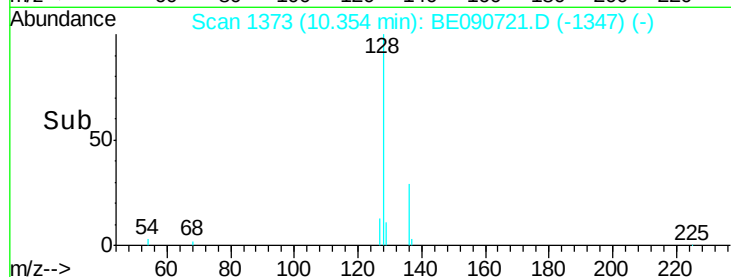
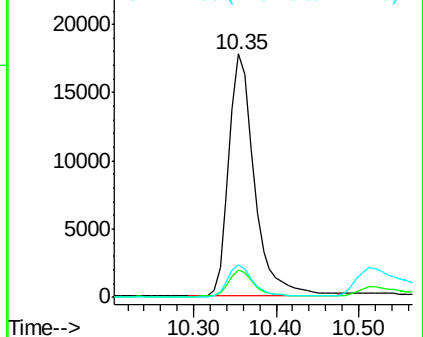
127 13.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.96 ng

RT: 10.65 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

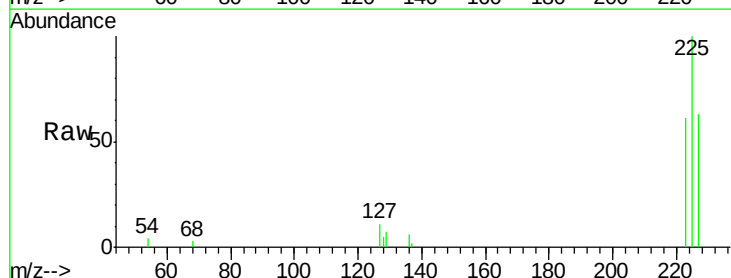
Tgt Ion:225 Resp: 5792

Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

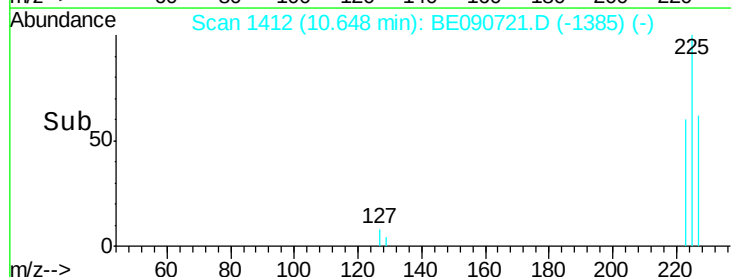
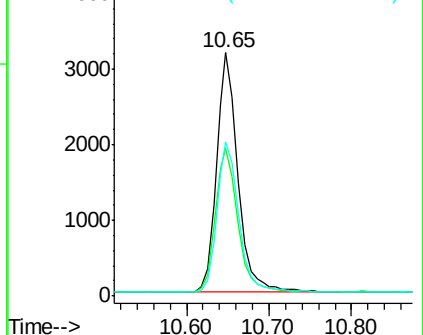
227 64.2 51.0 76.6

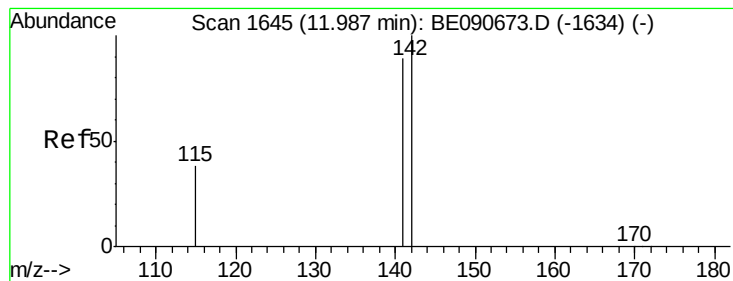


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.12 ng

RT: 11.99 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

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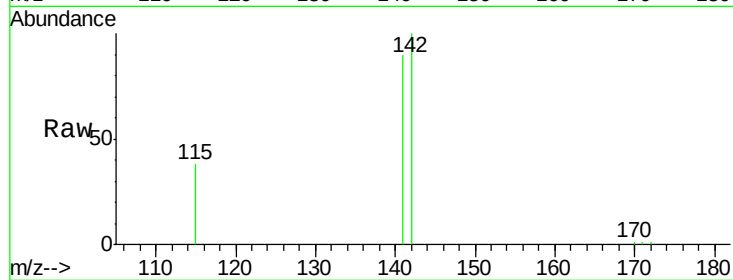
Tgt Ion:142 Resp: 23281

Ion Ratio Lower Upper

142 100

141 89.8 71.4 107.2

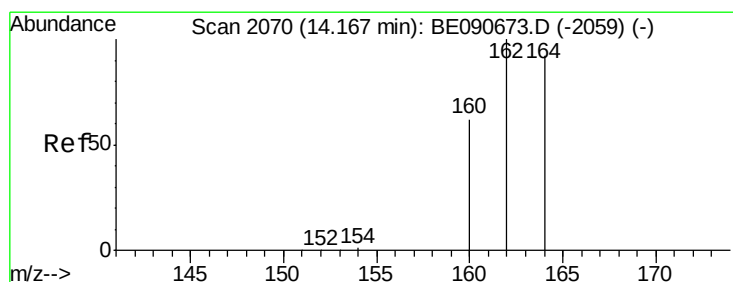
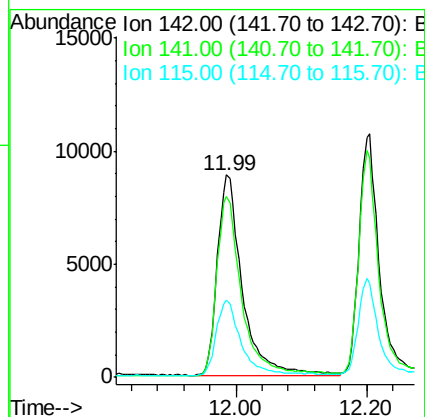
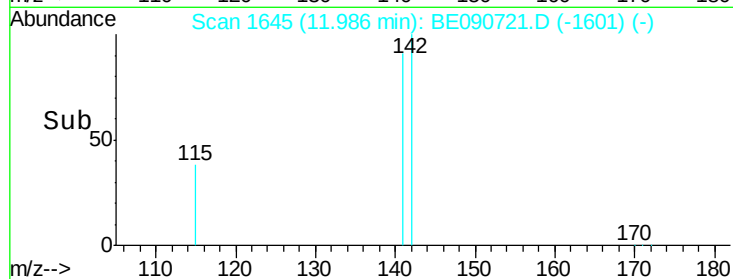
115 38.2 31.0 46.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

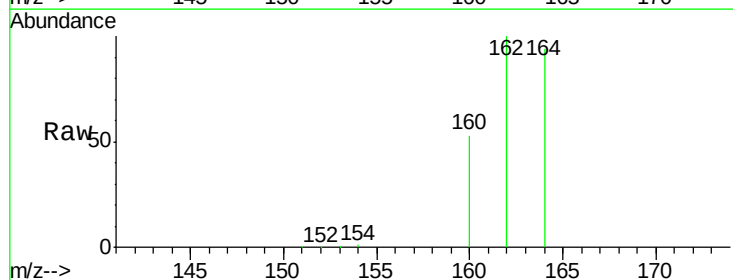
Tgt Ion:164 Resp: 97866

Ion Ratio Lower Upper

164 100

162 106.5 86.8 130.2

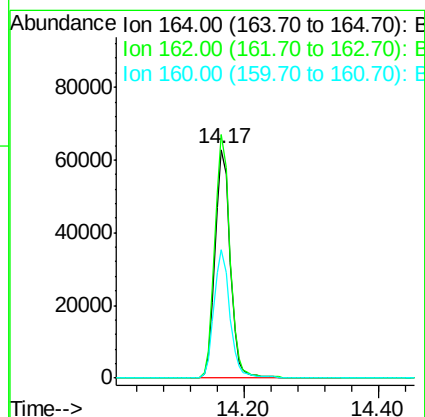
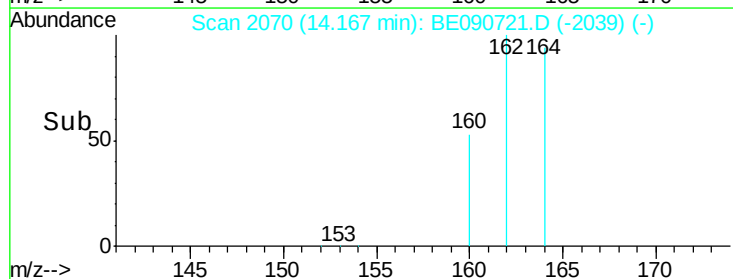
160 56.1 53.9 80.9

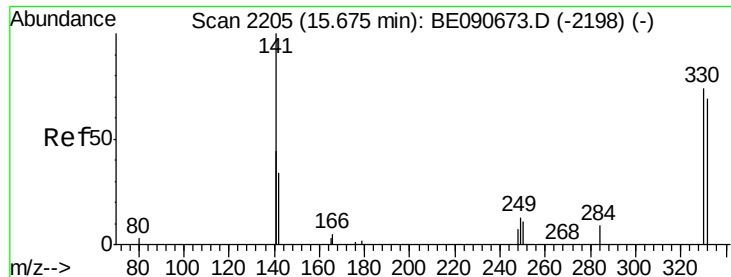


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

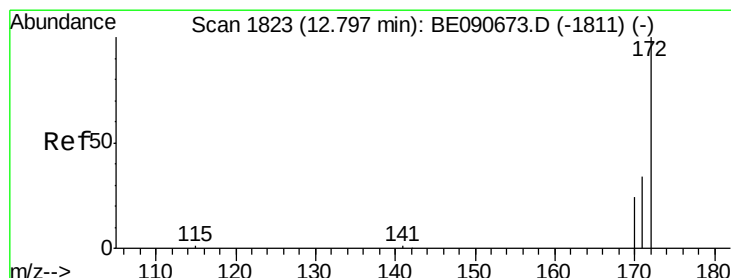
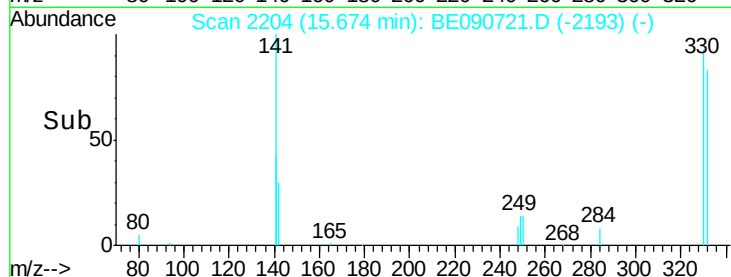
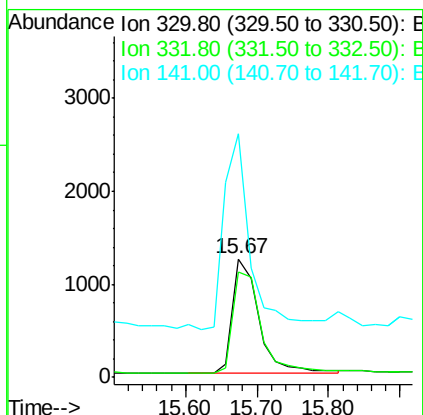
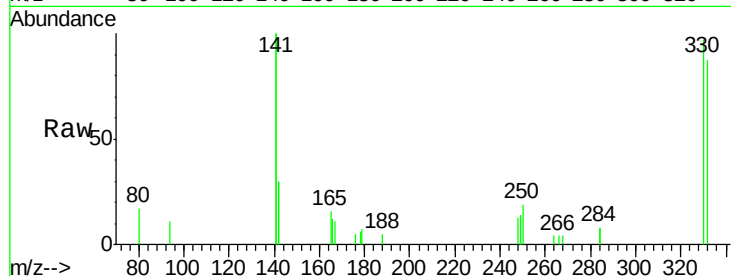




#13
 2,4,6-Tribromophenol
 Concen: 1.22 ng
 RT: 15.67 min Scan# 2204
 Delta R.T. -0.00 min
 Lab File: BE090721.D
 Acq: 4 Sep 2015 9:46

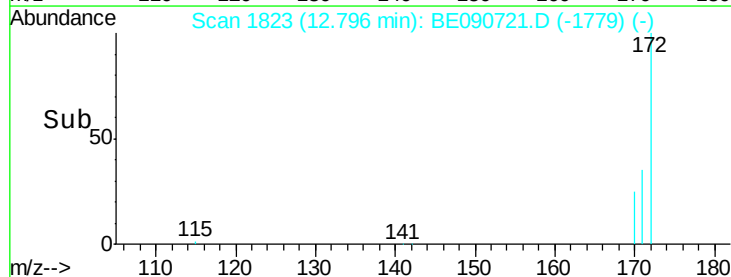
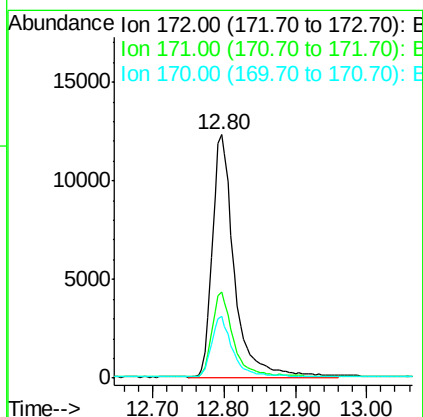
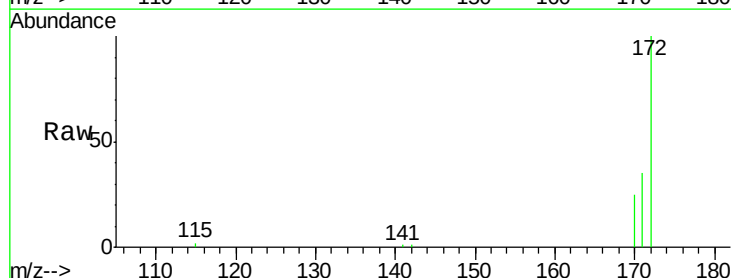
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

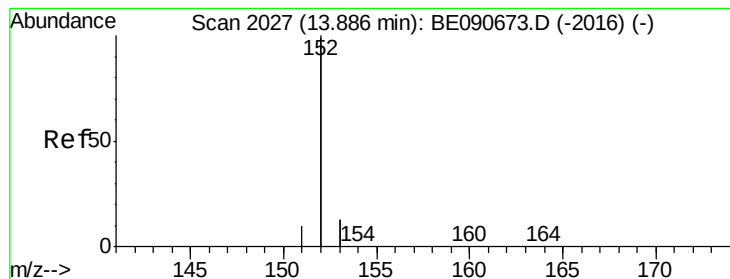
Tgt Ion: 330 Resp: 3103
 Ion Ratio Lower Upper
 330 100
 332 96.1 74.9 112.3
 141 170.4 145.2 217.8



#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.80 min Scan# 1823
 Delta R.T. -0.00 min
 Lab File: BE090721.D
 Acq: 4 Sep 2015 9:46

Tgt Ion: 172 Resp: 26412
 Ion Ratio Lower Upper
 172 100
 171 35.4 27.8 41.8
 170 25.2 19.8 29.6





#15

Acenaphthylene

Concen: 1.05 ng

RT: 13.89 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

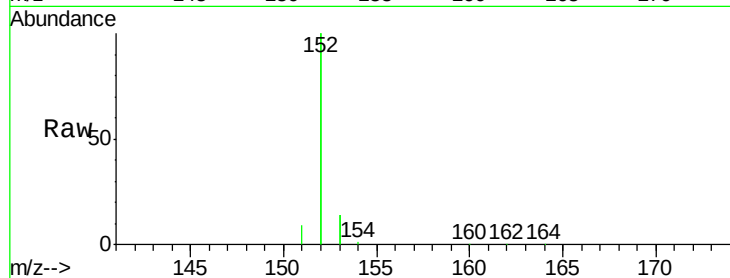
Tgt Ion:152 Resp: 163761

Ion Ratio Lower Upper

152 100

151 4.8 3.9 5.9

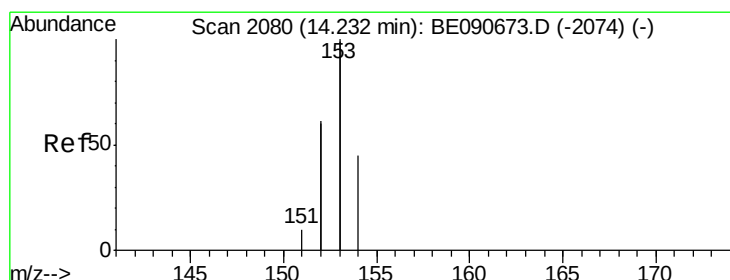
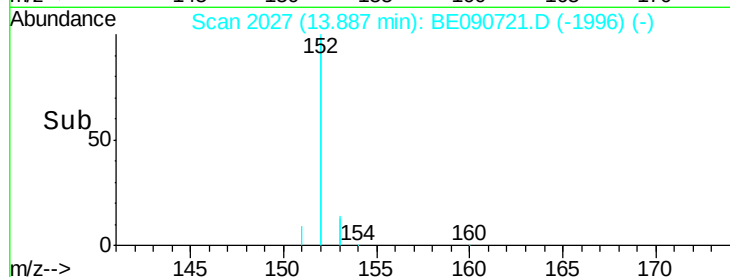
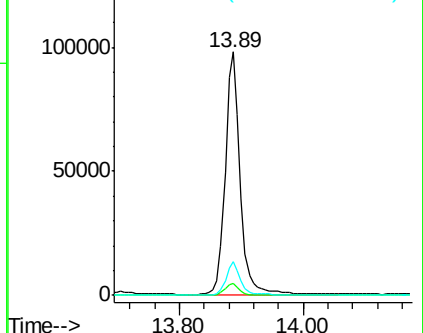
153 12.9 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 1.02 ng

RT: 14.23 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

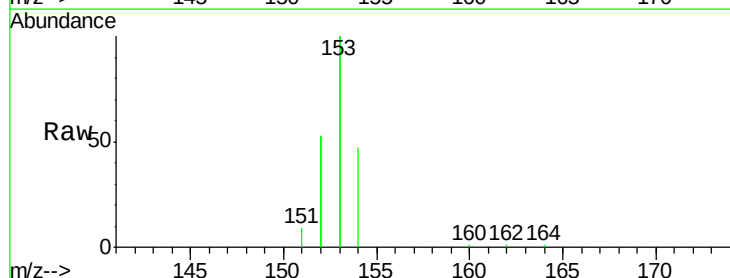
Tgt Ion:154 Resp: 26610

Ion Ratio Lower Upper

154 100

153 442.4 354.5 531.7

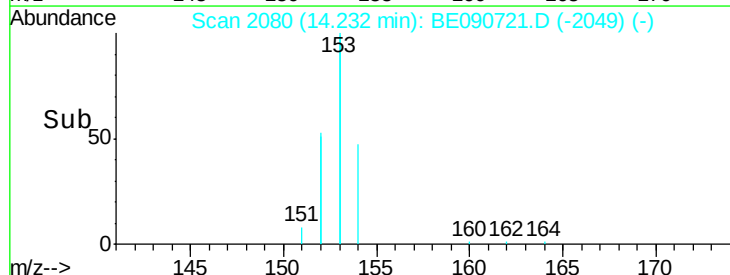
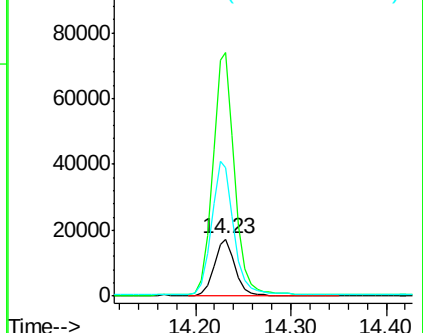
152 250.0 227.8 341.6

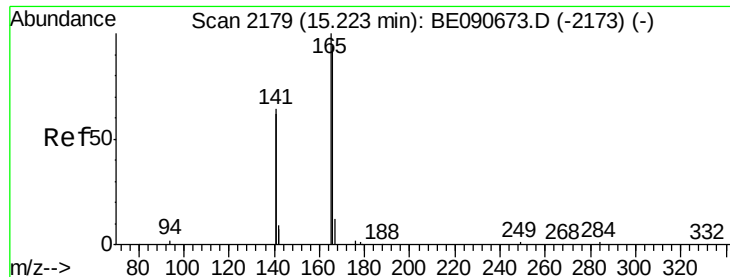


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

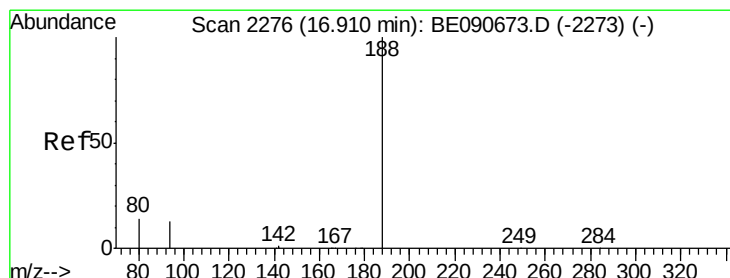
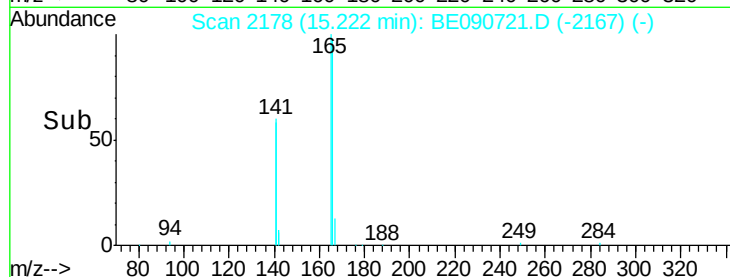
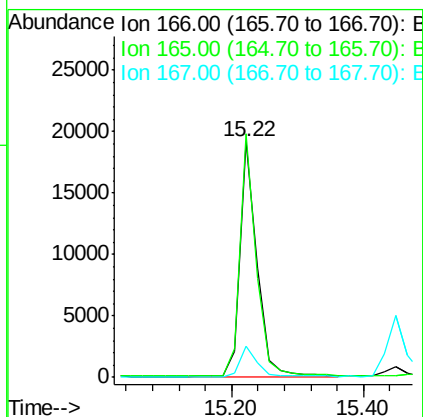
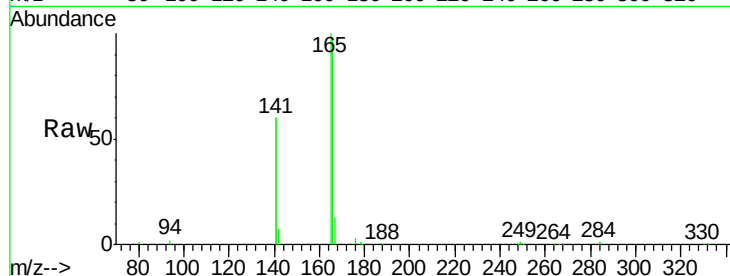




#17
Fluorene
Concen: 1.04 ng
RT: 15.22 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE090721.D
Acq: 4 Sep 2015 9:46

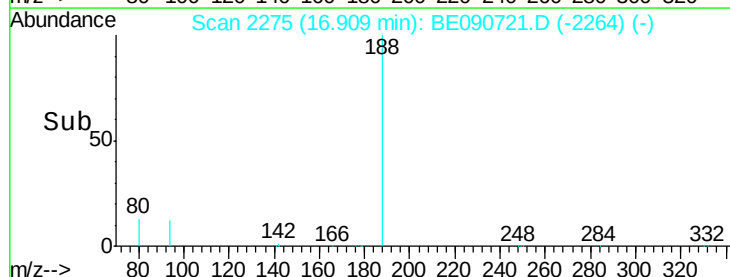
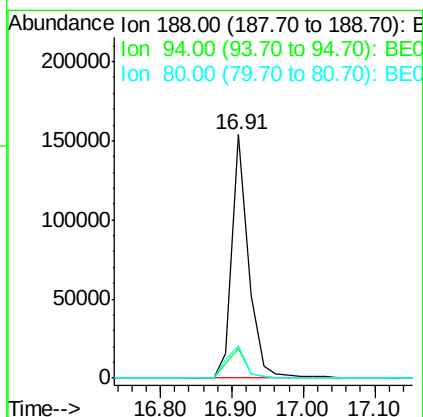
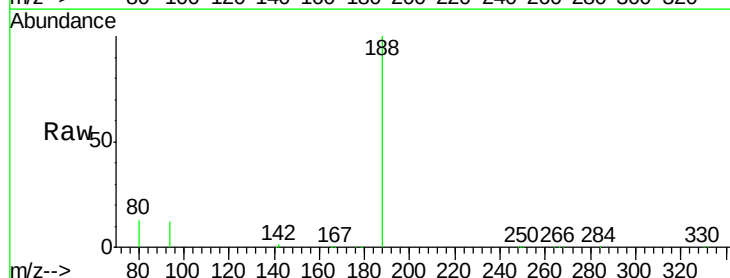
Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

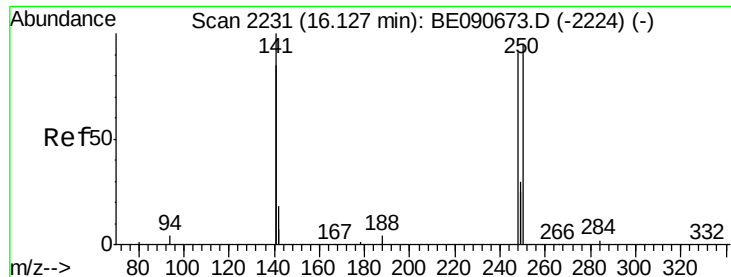
Tgt Ion:166 Resp: 33902
Ion Ratio Lower Upper
166 100
165 100.2 82.7 124.1
167 13.3 10.7 16.1



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2275
Delta R.T. -0.00 min
Lab File: BE090721.D
Acq: 4 Sep 2015 9:46

Tgt Ion:188 Resp: 246703
Ion Ratio Lower Upper
188 100
94 12.3 10.3 15.5
80 13.2 11.0 16.6





#19

4-Bromophenyl-phenylether

Concen: 1.07 ng

RT: 16.13 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

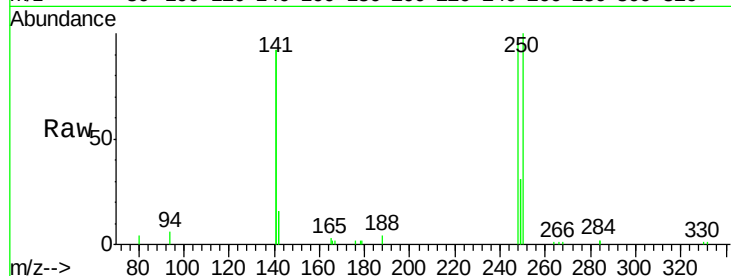
Tgt Ion:248 Resp: 9038

Ion Ratio Lower Upper

248 100

250 93.0 76.7 115.1

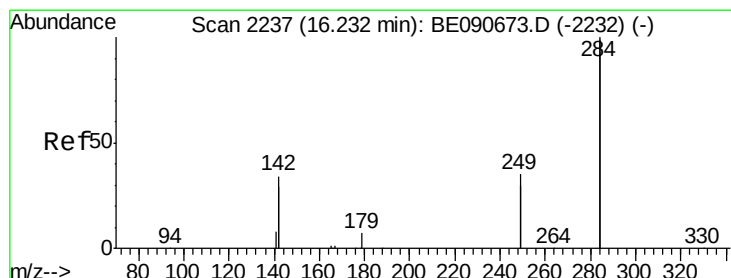
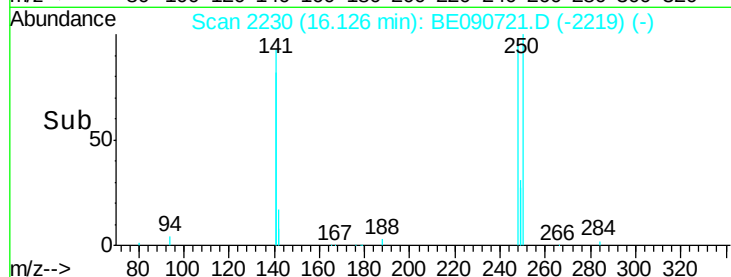
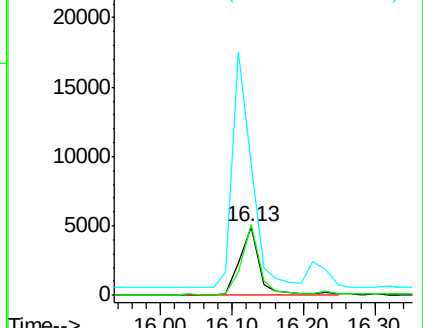
141 343.7 292.6 439.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#20

Hexachlorobenzene

Concen: 1.03 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

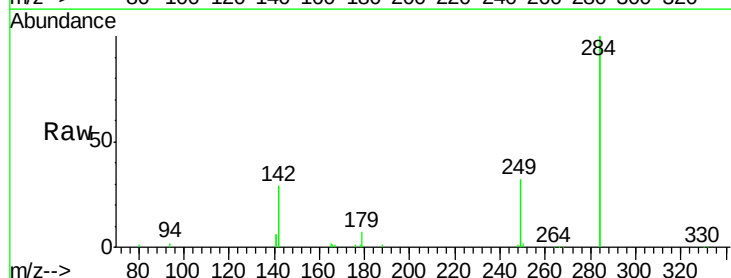
Tgt Ion:284 Resp: 45513

Ion Ratio Lower Upper

284 100

142 40.3 35.0 52.4

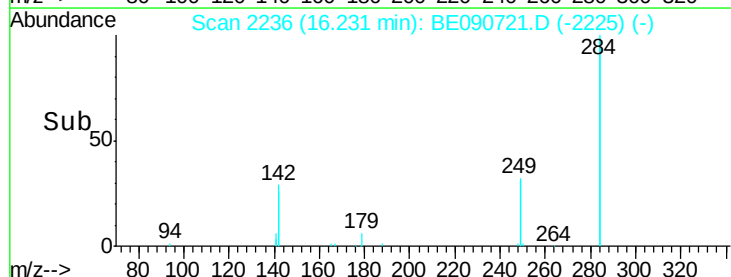
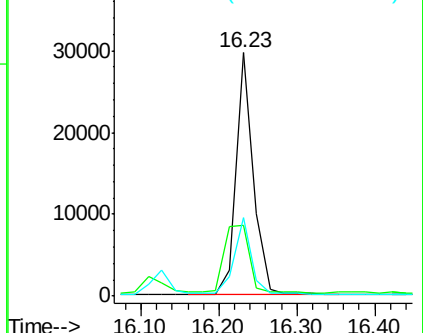
249 31.0 25.5 38.3

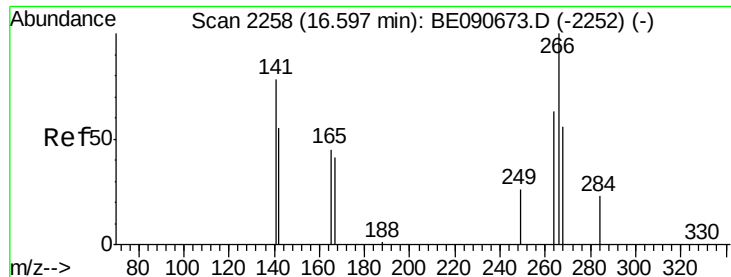


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 1.15 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

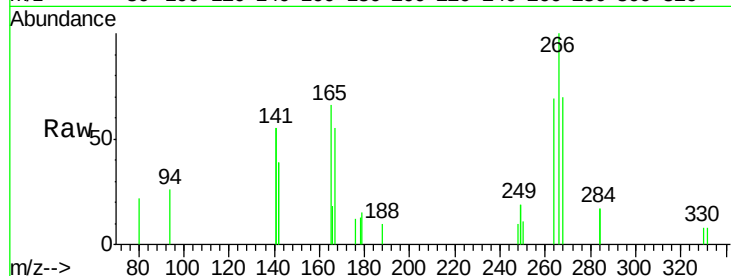
Tgt Ion:266 Resp: 2518

Ion Ratio Lower Upper

266 100

268 70.2 49.6 74.4

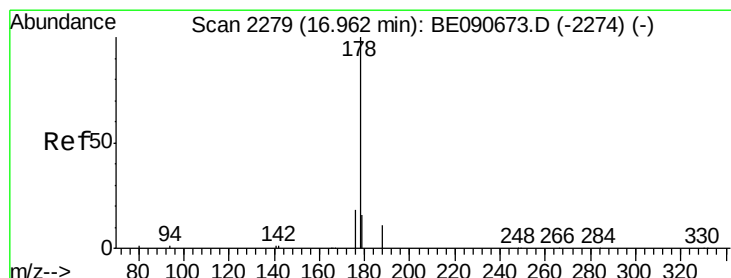
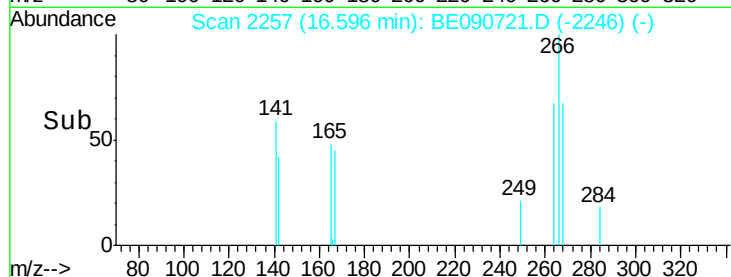
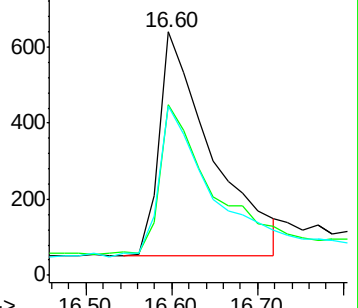
264 69.4 53.9 80.9



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 1.05 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.02 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

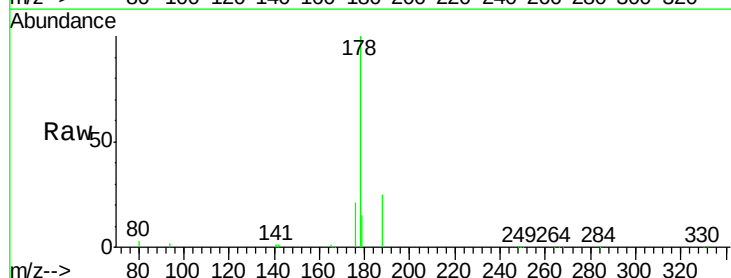
Tgt Ion:178 Resp: 63902

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

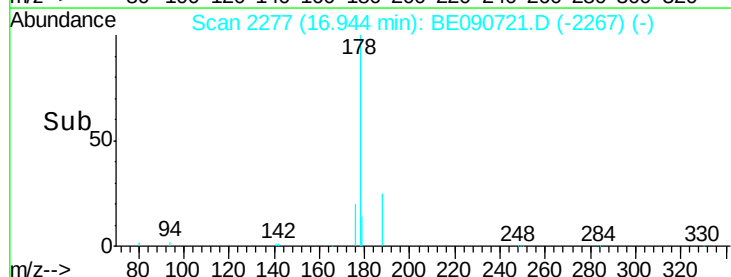
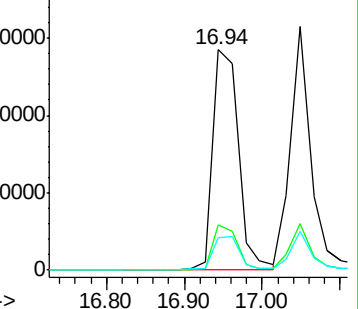
179 15.4 12.8 19.2

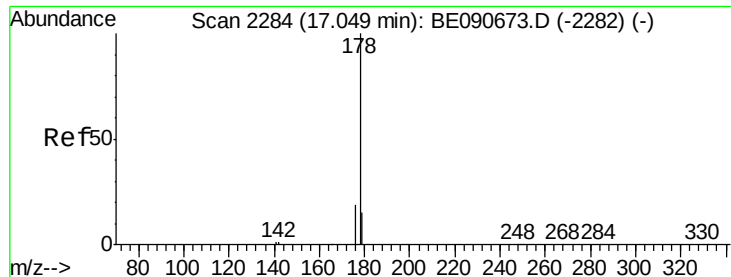


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 1.11 ng

RT: 17.05 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

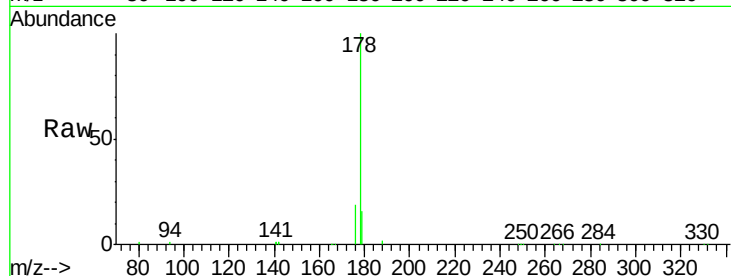
Tgt Ion:178 Resp: 56466

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

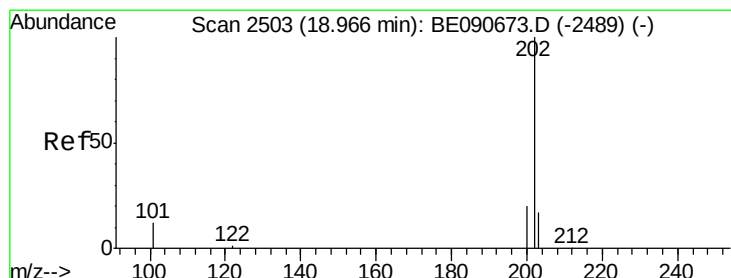
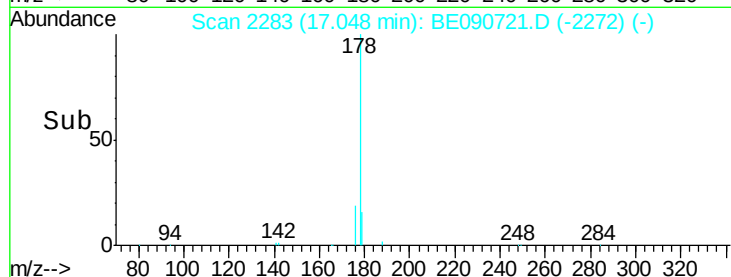
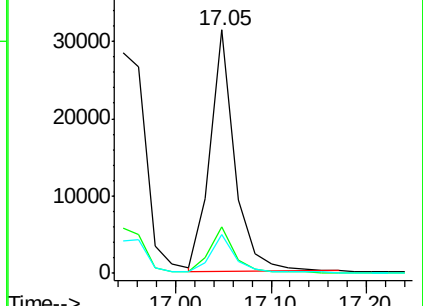
179 15.4 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 1.12 ng

RT: 18.96 min Scan# 2501

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

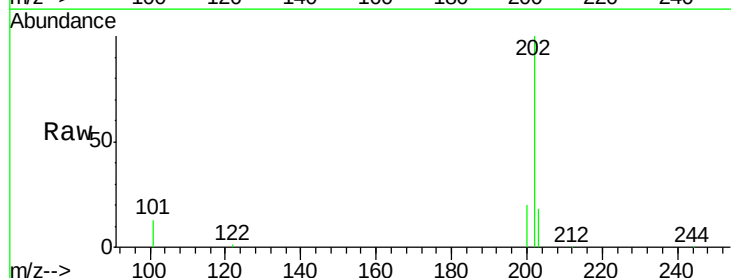
Tgt Ion:202 Resp: 72054

Ion Ratio Lower Upper

202 100

101 14.1 11.0 16.6

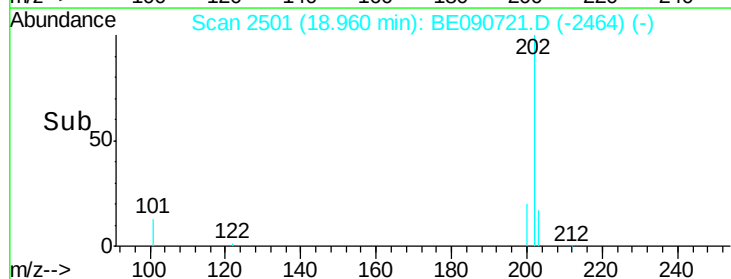
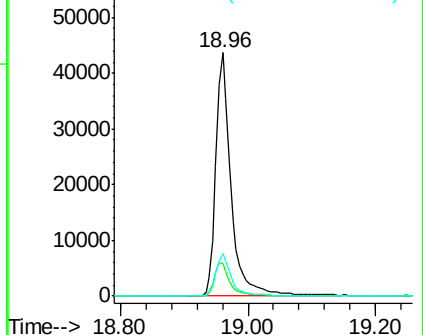
203 17.1 13.9 20.9

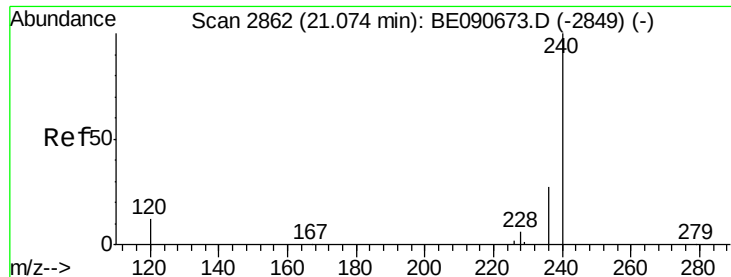


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

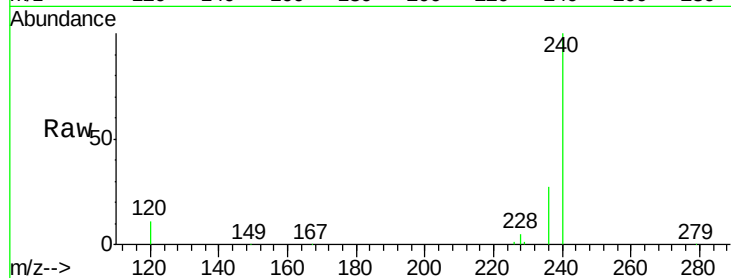
Tgt Ion:240 Resp: 325536

Ion Ratio Lower Upper

240 100

120 11.2 10.1 15.1

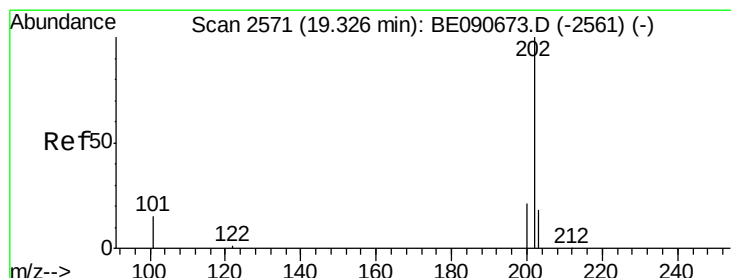
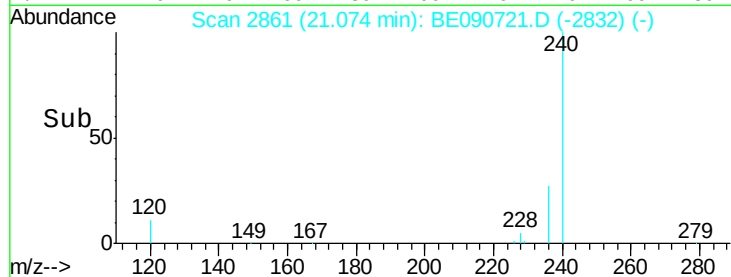
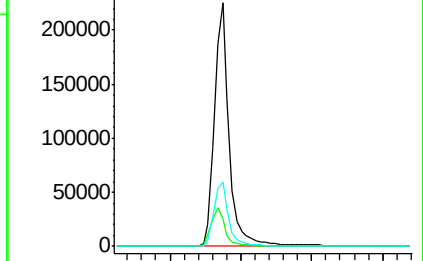
236 26.5 21.9 32.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.13 ng

RT: 19.32 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

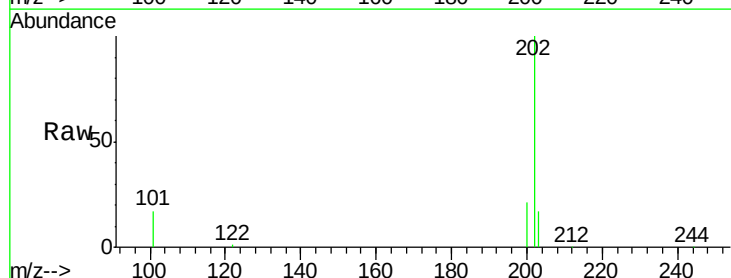
Tgt Ion:202 Resp: 76386

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

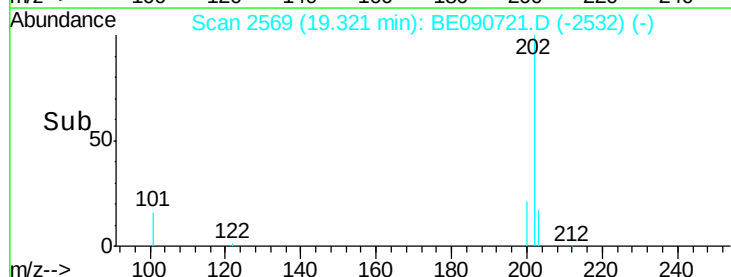
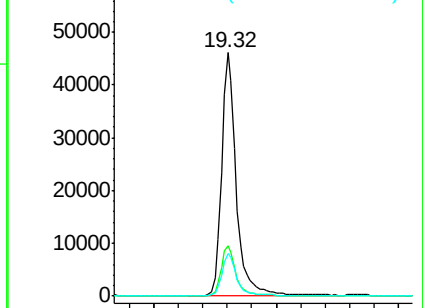
203 17.4 13.8 20.6

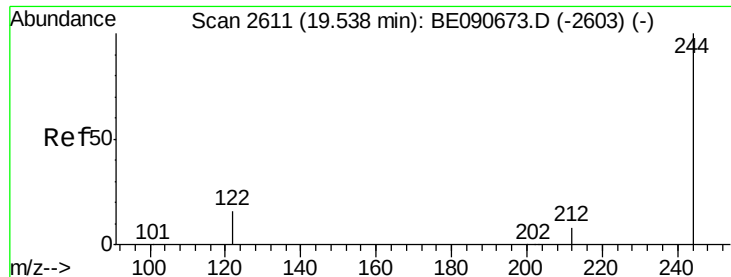


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

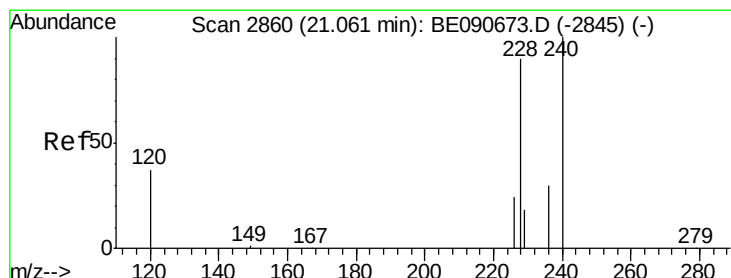
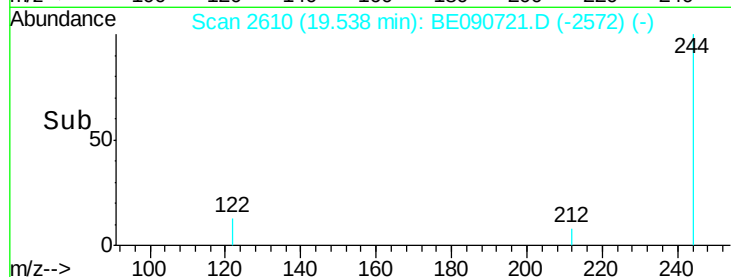
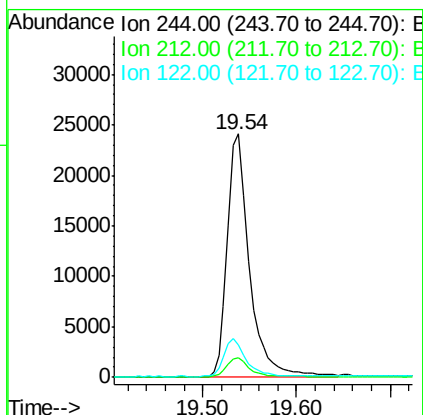
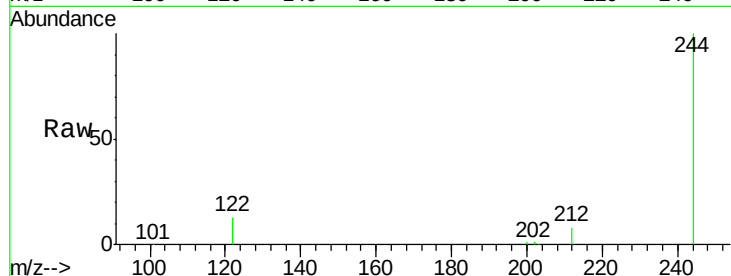




#27
 Terphenyl-d14
 Concen: 1.09 ng
 RT: 19.54 min Scan# 2610
 Delta R.T. -0.00 min
 Lab File: BE090721.D
 Acq: 4 Sep 2015 9:46

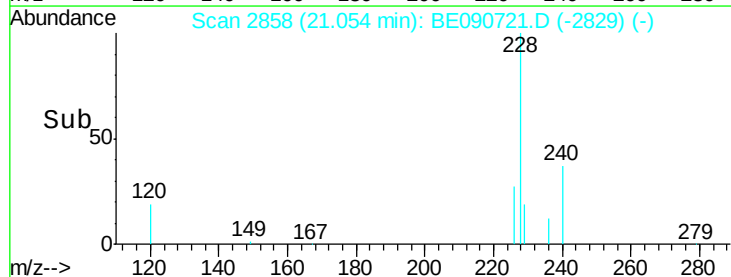
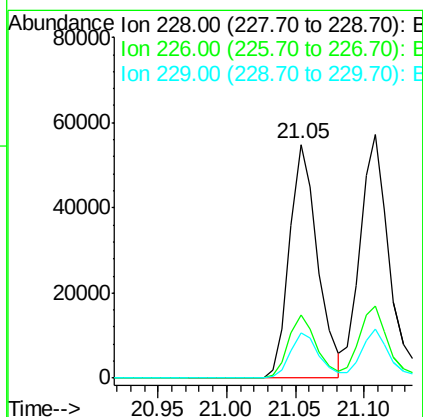
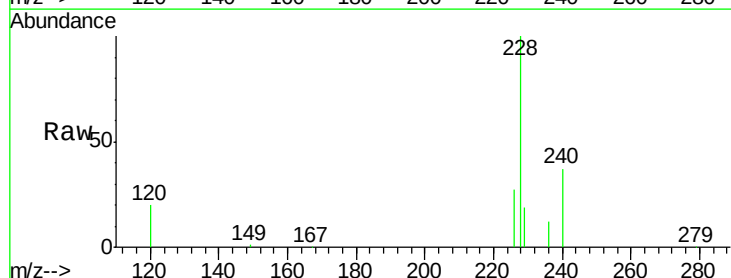
Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC001

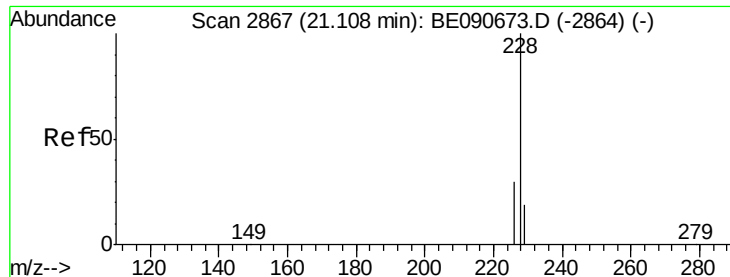
Tgt Ion: 244 Resp: 39288
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.9 10.3
 122 13.3 12.9 19.3



#28
 Benzo(a)anthracene
 Concen: 1.07 ng
 RT: 21.05 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BE090721.D
 Acq: 4 Sep 2015 9:46

Tgt Ion: 228 Resp: 77320
 Ion Ratio Lower Upper
 228 100
 226 27.1 21.6 32.4
 229 19.5 15.9 23.9





#29

Chrysene

Concen: 1.12 ng

RT: 21.11 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

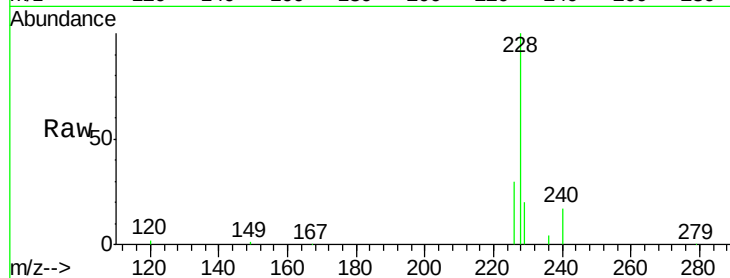
Tgt Ion:228 Resp: 88163

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.4

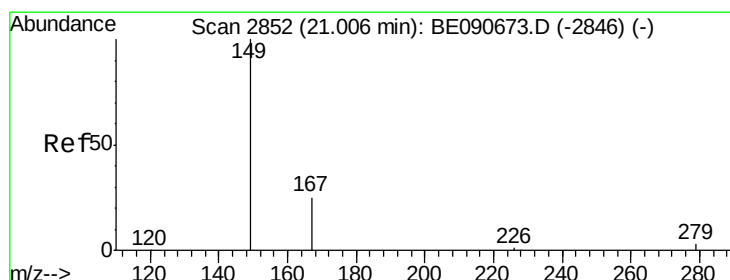
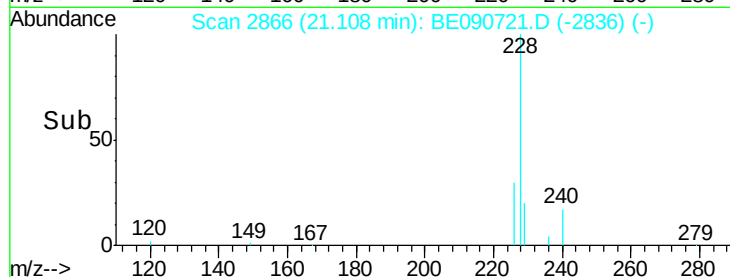
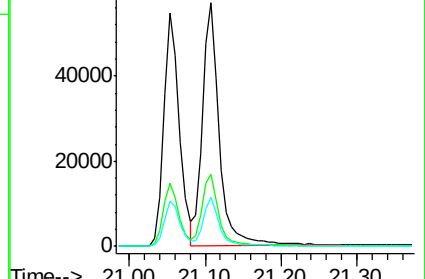
229 19.9 15.3 22.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 1.28 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

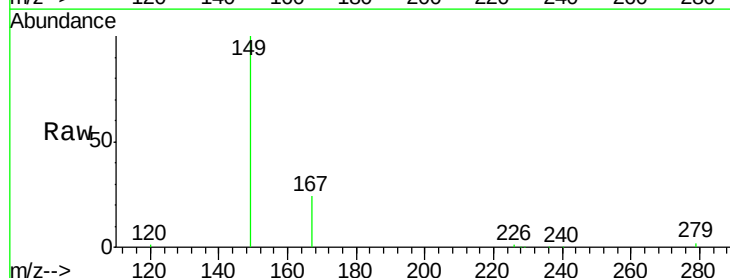
Tgt Ion:149 Resp: 24636

Ion Ratio Lower Upper

149 100

167 24.9 20.1 30.1

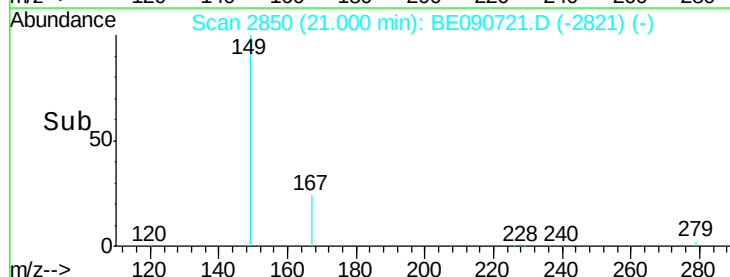
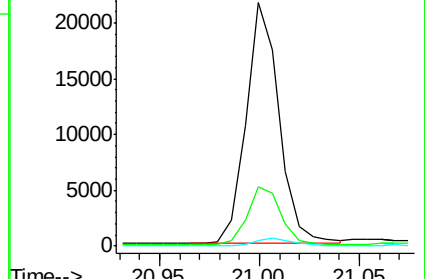
279 3.1 2.3 3.5

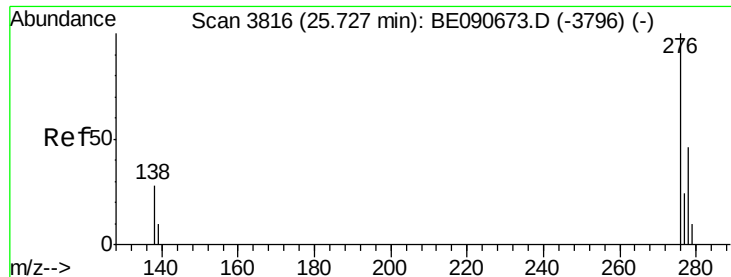


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.15 ng

RT: 25.71 min Scan# 3812

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

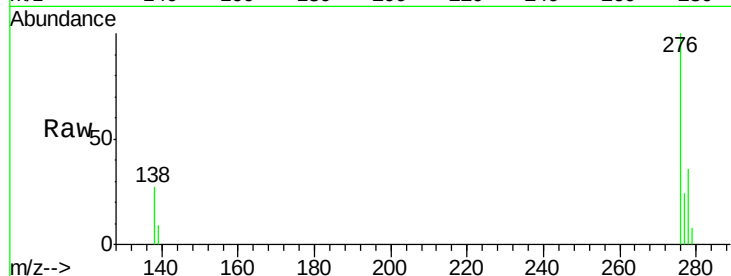
Tgt Ion:276 Resp: 88209

Ion Ratio Lower Upper

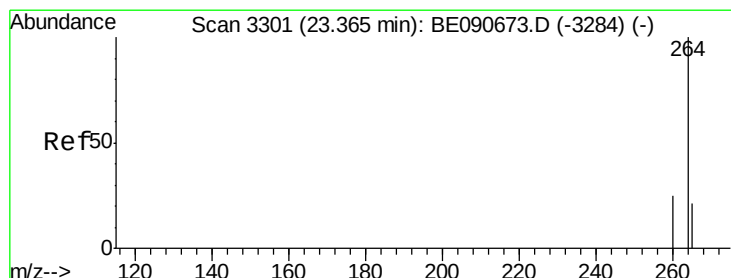
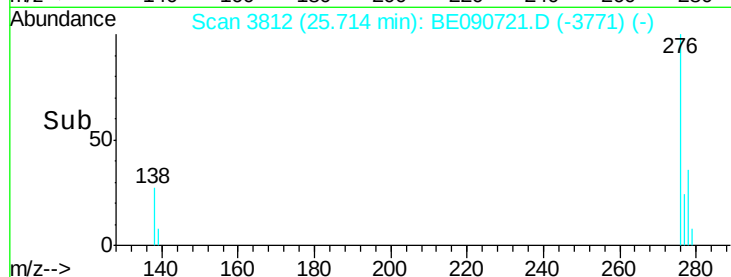
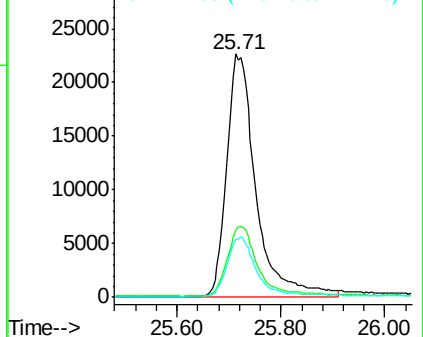
276 100

138 29.7 23.3 34.9

277 24.8 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

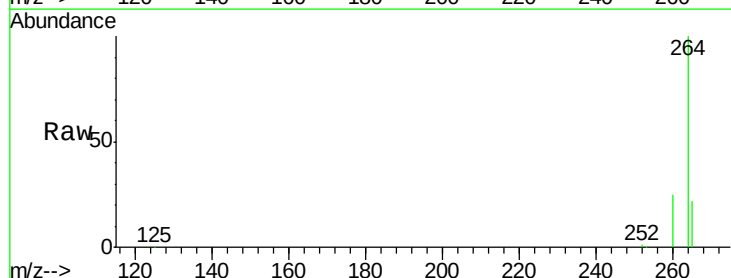
Tgt Ion:264 Resp: 308715

Ion Ratio Lower Upper

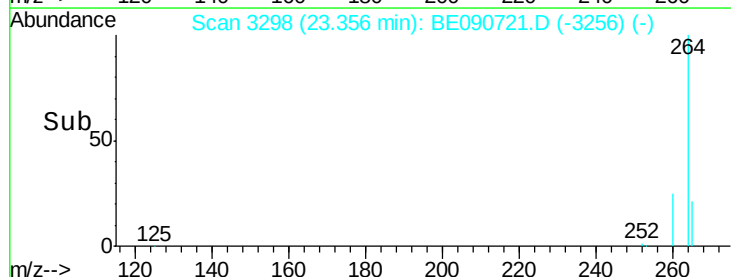
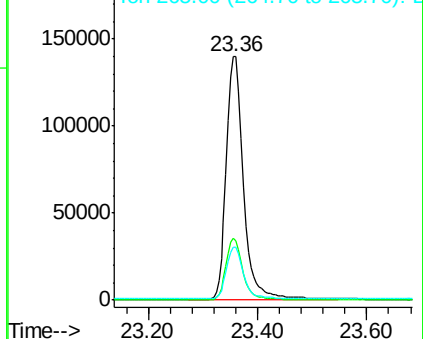
264 100

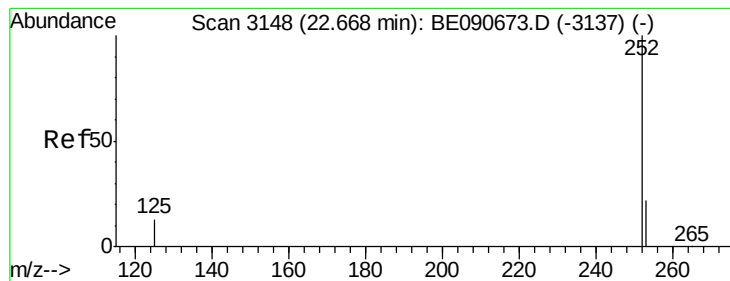
260 25.4 19.7 29.5

265 21.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.06 ng

RT: 22.66 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

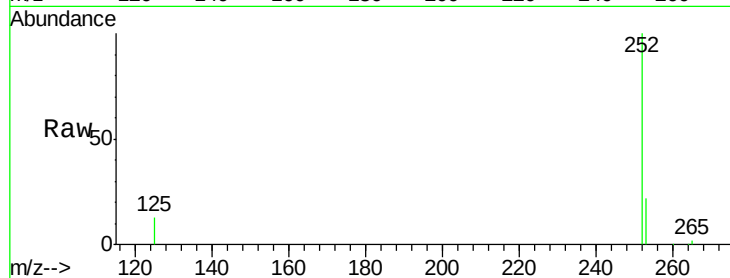
Tgt Ion:252 Resp: 70803

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

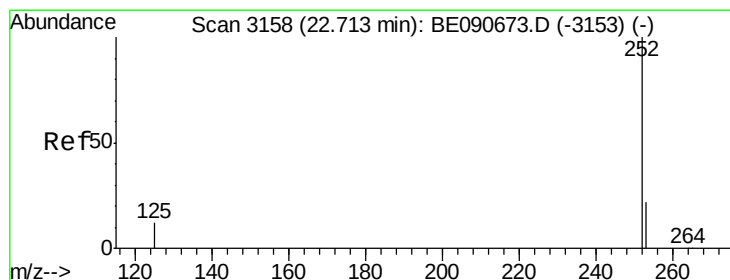
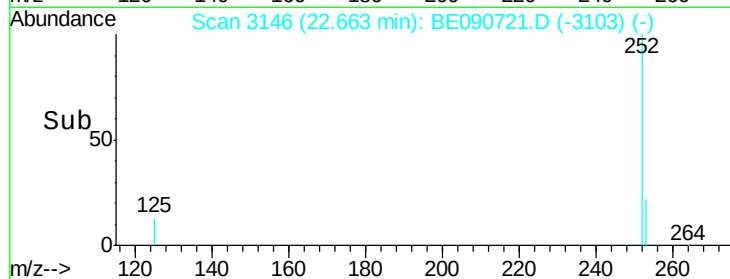
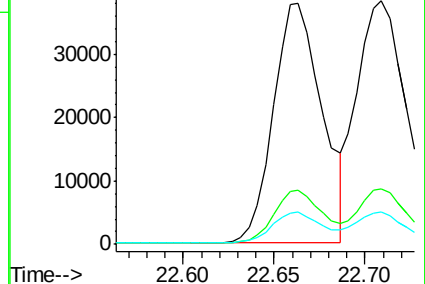
125 13.3 10.6 16.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 1.05 ng

RT: 22.71 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

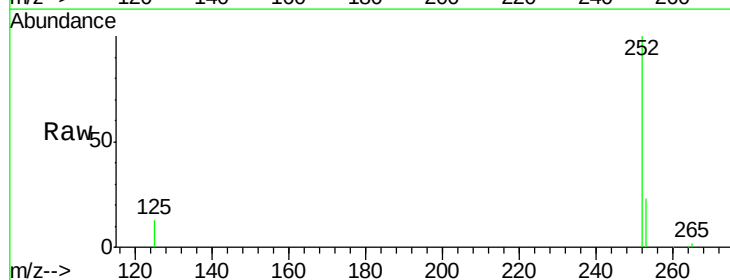
Tgt Ion:252 Resp: 81937

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

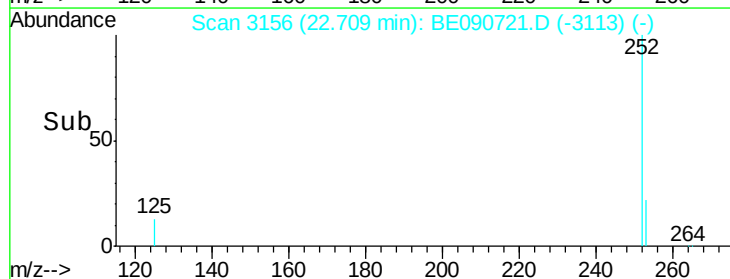
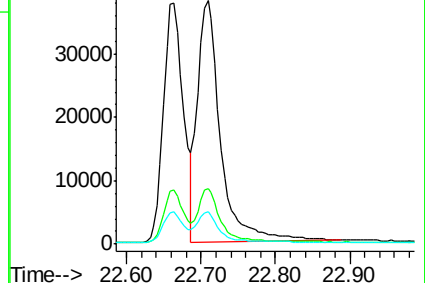
125 13.2 10.1 15.1

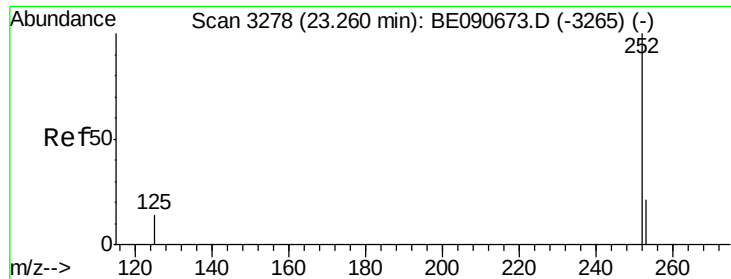


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.11 ng

RT: 23.26 min Scan# 3276

Delta R.T. -0.00 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

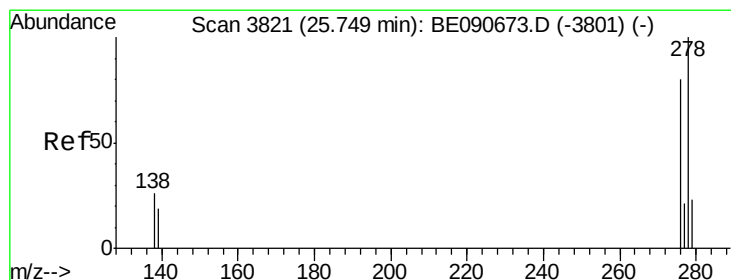
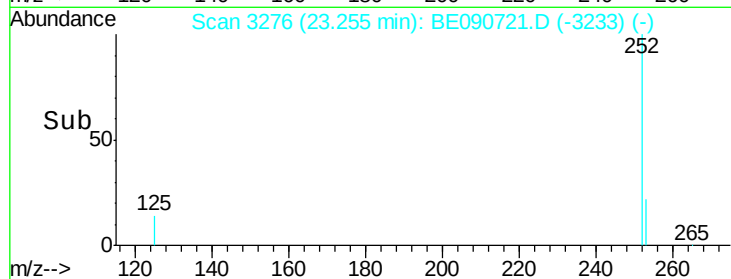
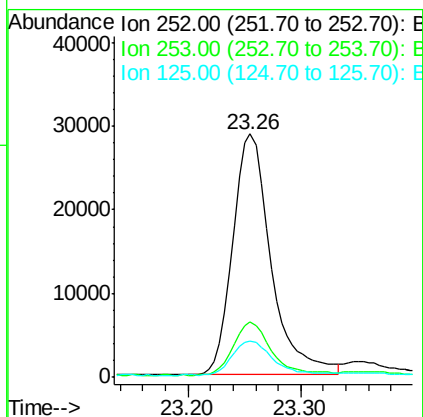
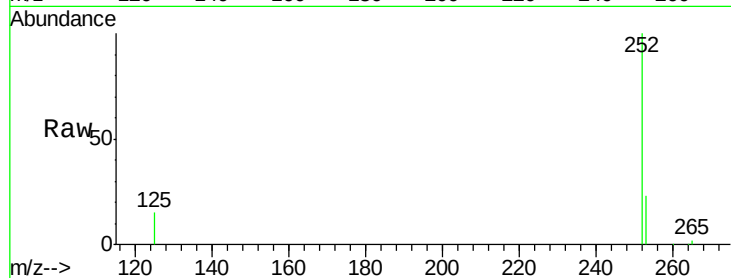
Instrument :

BNA_E

ClientSampleId :

SSTDCCC001

Tgt Ion:	252	Resp:	66287
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.0	11.6	17.4



#36

Dibenzo(a,h)anthracene

Concen: 1.05 ng

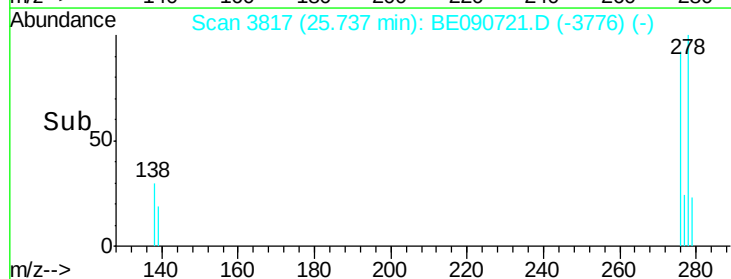
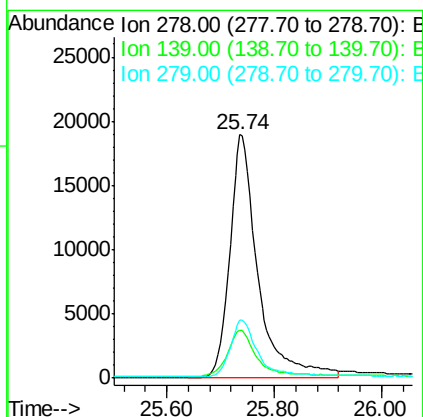
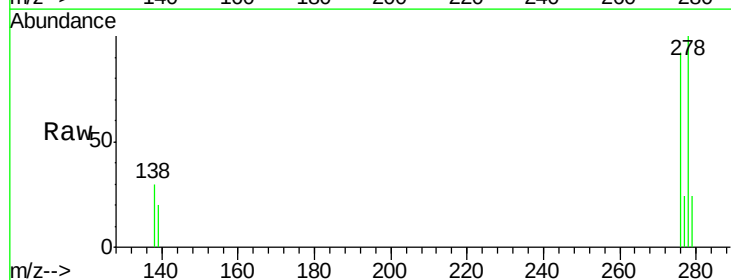
RT: 25.74 min Scan# 3817

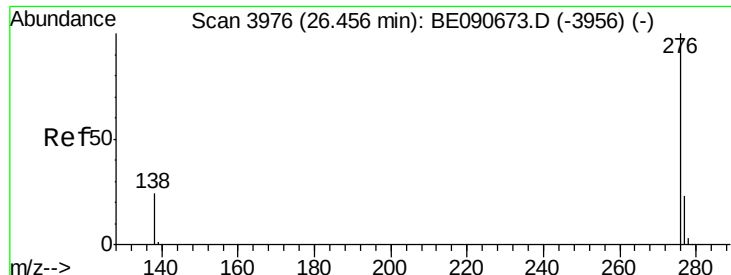
Delta R.T. -0.01 min

Lab File: BE090721.D

Acq: 4 Sep 2015 9:46

Tgt Ion:	278	Resp:	68565
Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.4	23.0
279	23.9	18.8	28.2





#37

Benzo(g,h,i)perylene

Concen: 1.06 ng

RT: 26.44 min Scan# 3972

Delta R.T. -0.01 min

Lab File: BE090721.D

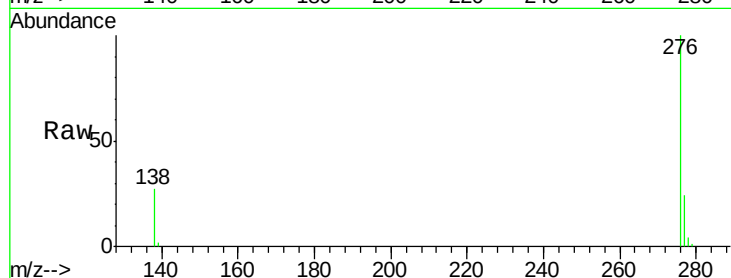
Acq: 4 Sep 2015 9:46

Instrument :

BNA_E

ClientSampleId :

SSTDCCC001



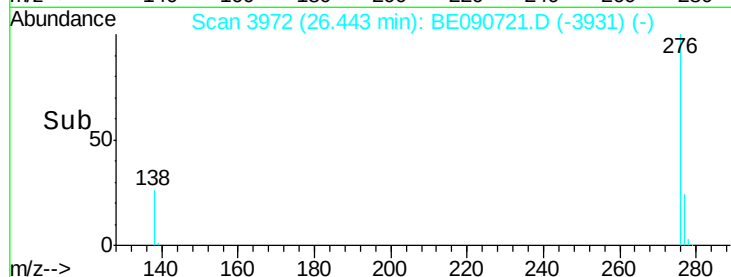
Tgt Ion: 276 Resp: 72811

Ion Ratio Lower Upper

276 100

277 24.3 18.5 27.7

138 26.5 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

